

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 10201697
PUBLICATION DATE : 04-08-98

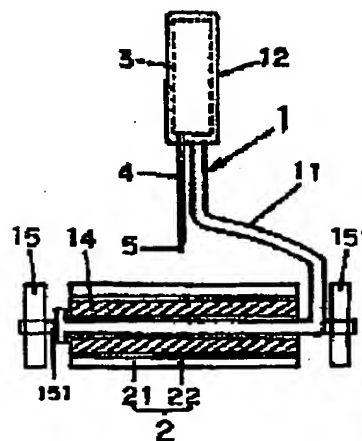
APPLICATION DATE : 24-01-97
APPLICATION NUMBER : 09025779

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INT.CL. : A47L 25/00 A47L 13/10 A47L 13/40
B08B 1/00

TITLE : ROLL TYPE DUST REMOVING
CLEANER



ABSTRACT : PROBLEM TO BE SOLVED: To catch adhering dust in a floor surface recessed part or the floating charged dust near the floor surface by installing an adhesive sheet rolled body with an adhesive layer outside to a roll, arranging a discharging electrode in a position separated from the surface to perform a discharge.

SOLUTION: An insulating resin-made handle 12 is mounted on one end of a metallic arm 11, and a metallic horizontal shaft part is provided on the other end to rotatably support a metallic roll 14. To remove dust, a high voltage generator 3 is ON, and an adhesive sheet rolled body installed roll 14 and a ground roll 15 are rotated in contact with a floor surface. At this case, corona discharge is generated in a discharging electrode 5, and the rolled body surface is charged by the line of electric force directing the horizontal shaft part of the ground potential. Since the charge of the reverse polarity is induced on the floor surface by this charge, the charge of the reverse polarity is also induced on the surface of the dust present on the floor surface, and this charged dust is electrostatically arranged to the rolled body surface according to the rotation of the roll. Thus, the dust adhered to a recessed part of the floor surface or the dust floating in the space near the floor surface can be captured.

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